



# NEWSLETTER of the Wisconsin Entomological Society

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Volume 13, Number 1

Editor: Mark H. Evans

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Spring 1985

A major purpose of the Wisconsin Entomological Society (WES) and of this Newsletter is to promote the study of Entomology in all of its branches, especially as it relates to Wisconsin and the surrounding states, and to facilitate and encourage the exchange of specimens and ideas by both professional and amateur entomologists.

Materials for publication consideration are solicited from the membership. If possible, items should be typed and double-spaced. Feature articles, notices, selected references, publications of members, collection records, specimen requests and news of members are among those items we would like to receive. Deadlines for the Newsletter are 1 March for the March/April issue, and 1 September for the September/October issue. Materials should be sent to the Newsletter Editor (see below).

#### 1985 OFFICERS OF THE WISCONSIN ENTOMOLOGICAL SOCIETY:

President.....Dan Young  
Vice-president.....Sue Borkin  
Secretary.....Phil Pellitteri  
Treasurer.....Les Ferge  
Past-president.....Bob Jeanne  
Newsletter Editor.....Mark Evans

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#### EDITOR'S NOTES:

As part of an on-going effort by our Executive Board to improve communication within our society and increase access to membership information, we are modifying your Newsletter further. We will use the information which you see above on each of our future issues. That way we can always be reminded of our Society's purpose and know who our current officers are.

Further, we would like to remind everyone once again that we are always looking for news, requests, ideas, stories, and experiences to include in future issues so please keep your Newsletter in mind.

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#### FROM YOUR PRESIDENT:

In looking back at some early materials of the WES, I noted that at one point in time it was common to have "minutes" of meetings published in the Newsletter. This seems like a nice way for more WES members to keep abreast of what's going on in the Society. To (hopefully) stimulate more interest and provide for better communication, I'm going to make an attempt to publish in our Newsletter my "notes" from our executive council meetings as well as those from general meetings of the membership. The notes which follow are from the last regular meeting and meetings of the WES executive council which have been held so far in 1985.

### UPCOMING MEETING:

The next meeting of the WES will be held on Sat. 11 May and will begin at 2:30 P.M. We will be in Russell Labs -- in the 1st floor lecture hall and in the Intro. Ent. lab across the hall. The focus of the meeting will be on collecting and collecting techniques. It will be especially directed toward amateurs and "young" naturalist/entomologist types.

Among the topics to be covered are:

- light/bait techniques (Les Ferge)
- mounting/curating (Wally Kmentt)
- rearing techniques (Mark Evans..?)
- labelling techniques (Dan Young)
- larval preservation (Dan Young)

There will also be several demonstrations set up in the lab including collecting equipment, rearing cages, and materials from entomological equipment suppliers.

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DECEMBER MEETING OF WES (ANNUAL MEETING) ..... Saturday, 1 Dec.  
3:30 PM - Ent. Conf. Rm.  
Russell Labs

### MEETING OUTLINE:

#### (1) Welcome and general announcements:

- \* Membership applications available for any visitors who may be interested in becoming active WES members
- \* Next executive council meeting will include discussion and development of brief questionnaire relative to WES programs and goals (initiated at OCT meeting); the questionnaire will be mailed out with dues notices in early JAN and summarized in spring (MAR/APR) WES NEWSLETTER
- \* At the request of Jim Reinartz, we have submitted an abstract of WES involvement at the UW Milwaukee field station for inclusion in their "Annual Report"

#### (2) Reports:

- \* Secretary (Phil Pellitteri)
  - (a) general comments [including plans to revise the "WES brochure"]
  - (b) results of election -- WES officers for 1985
- \* Treasurer (Les Ferge)
  - (a) general comments [including new dues envelopes]
  - (b) financial report for 1984
- \* Newsletter (Mark Evans) [deadline for spring is 1 March]

At our Dec. 1984 meeting, presentations were given by Raphael Conde, Robert Dicke, Mark Evans, Les Ferge, and Bob Jeanne. In addition, Chistofer Farrell, a commercial insect collector from Columbia, was present, and Tom Parker brought in some live exotic walkingsticks. The following is a rough summary of the talks which were presented. (Following the meeting we regrouped at a local restaurant to share a social dinner.)

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Raphael Conde presented a review of some of his current graduate work studying the morphology of the honeybee aeroleum. Such research using electronmicroscopy may lead to a better understanding of how some insecticides are translocated into the cuticle.

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Dr. Dicke presented some of the current information on Lyme's Disease, a bacterial infection, which is vectored by the "bear tick," *Ixodes dammini*. There are 434 confirmed cases in the U.S. in 1984 compared to 168 for 1983. Untreated, symptoms include recurring arthritis, cardiac and neurologic complications, and meningoencephalitis. This disease was first diagnosed only 9 years ago in Lyme, Connecticut.

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Mark Evans talked about his trip in the spring of 1984 to eastern Texas with Mark Scriber and the eastern Sierra Madre in Mexico with David Robacker, an employee of the USDA. Dave and Mark collected specimens of the "Mexican Tiger Swallowtail," *Papilio alexiaries*, which had not previously been reared or hybridized in captivity. Back in Scriber's lab, JMS, MHE, and crew, were able to rear pure *P. alexiaries* on privet and choke cherry leaves as well as rear over 300 F1 progeny of *P. glaucus* x *P. alexiaries*. JMS and MHE plan to carry out additional research on the ecology and systematics of Mexican swallowtails with the help of Dave Robacker and Bill Warfield as well as researchers in Mexico.

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Bob Jeanne, our 1984 Photo Salon Winner, showed slides of insects from the New World tropics in different kinds of associations with plants and other arthropods and told related anecdotes from his field work.

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Les Ferge spoke on one of his favorite subjects, the underwing moths of Wisconsin. As Les provided an excellent written summary of his talk, it is reprinted here:

The underwing moths (genus Catocala), the largest and most colorful members of the noctuid subfamily Catocalinae, are also notable for behavioral and ecological reasons. Identification of many species is sometimes difficult due to striking individual variation and melanism.

Catocala hide by day on tree trunks, where their bark-like forewing color and pattern affords concealment. When threatened, the sudden flash of bright-colored hindwings is believed to startle or confuse predators, allowing the moth to escape. Cryptic coloration is seen in other genera of the subfamily, but most of these species lack the bright hindwings.

Several species of Catocalinae are noted migrants; among them being the black witch (Erebus odora) and the cotton leafworm moth (Alabama argillacea), which are occasionally found in Wisconsin, far north of their sub-tropical breeding range. The

genus Catocala is more sedentary, but apparently disperses widely in years of high abundance.

The Wisconsin Catocala fauna is remarkably diverse (48 species in Wisc., 110 in N. America, of which 71 occur east of the Mississippi River), with many species reaching the limits of their range in the State. A number of species are common statewide, particularly those whose larvae feed on poplar, willow, hawthorne, cherry, and oak. The area south of the Tension Zone is home for the greatest number of species, and has the most diverse fauna. Many species feed on walnut and hickory, including six species of the black hindwing group which reach their northern limit here. Specialized feeders on honeylocust include Catocala innubens, illecta and minuta, which occur only in the lower Wisconsin and Mississippi River valleys. A western prairie group, Catocala abbreviatella, whitneyi, nuptialis and amestris, feeds on species of leadplant, and reaches its northeastern limit in Wisconsin.

The northern part of the state has a smaller, less diverse Catocala fauna. Among these are two rare and local species, Catocala coelebs, a specialized feeder on sweetgale, and Catocala semirelictata, believed to utilize balsam poplar. These two moths are found only in the northeastern most part of Wisconsin. Catocala sordida, a blueberry feeder, is widespread in barrens and bogs.

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WES EXECUTIVE COUNCIL MEETING ..... Thurs., 10 January  
12:00 - 1:00 PM  
Ent. Conf. Room

AGENDA:

- (1) Updating of old WES brochure (ALL)
- (2) Work on questionnaire (program content, etc.) to be distributed with 1985 dues notices (ALL)
- (3) Plan February meeting (would fall on Tues., 12th) (ALL)
- (4) Other ?

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NOTE: The following is a tentative schedule of meeting dates for the executive council (all will be on Thursdays from 12:00 - 1:00 PM and will be held in the Ent. Conference Room at Russell Labs unless otherwise notified: 7 March; 2 May; 27 June; 29 August; 3 October; 21 November. These dates may be altered somewhat if needed, and additional meetings may be scheduled as required.

NOTES:

Present: Evans; Ferge, Jeanne, Pellitteri, Young

Phil will begin to work on revising the WES brochure and will get a rough draft to members of the Exec. Council. Phil will also draft the "questionnaire" - we decided to present just two "options" regarding meetings: option 1 would essentially keep our schedule the same; option 2 would change it to four Saturday meetings plus a meeting in the summer held along with our field/collecting trip.

Young will check with Dr. Stan Carlson regarding a possible program for our February meeting (including a "tour" of the department's SEM facilities).

Ferge distributed a report on the WES financial situation, and informed us that he (actually his wife!) had typed up address labels for the entire membership which will fit on gummed stock for mailings. Dues envelopes are ready; they will go out in the near future along with the proposed WES by-laws change (= the questionnaire regarding meetings). The questionnaire will also include a section requesting an update in "areas of interest."

MARCH MEETING OF WISCONSIN ENTOMOLOGICAL SOCIETY ..... Saturday, 30 March  
3:30 PM - Ent. Conf.  
Rm. - Russell Labs

MEETING OUTLINE:

(1) Welcome and general announcements:

- \* Membership applications available for any visitors who may be interested in becoming active WES members
- \* Next meeting will be devoted to topics of interest to youth and amateur entomologists - demonstrations/displays/techniques, etc. [ideas and input MOST welcome!]
- \* Next meeting will be held here (Russell Labs) on Saturday, 11 May at 3:30 PM
- \* Approval of proposed amendment to WES Constitution regarding meetings: Article II, Section 1 of By-Laws changed to read as follows:

MEETINGS SHALL BE HELD DURING THE MONTHS OF OCTOBER, DECEMBER, MARCH, AND MAY. A FIFTH MEETING SHALL BE HELD DURING THE SUMMER IN CONJUNCTION WITH A FIELD/COLLECTING TRIP. OTHER MEETINGS MAY BE ADDED AS DETERMINED BY THE EXECUTIVE COUNCIL. ADVANCE NOTIFICATION OF EACH MEETING SHALL BE DISTRIBUTED TO

(2) Reports:

- \* Secretary (Phil Pellitteri)
  - (a) general comments [including update on plans to revise WES brochure]
- \* Treasurer (Les Ferge)
  - (a) general comments
- \* Newsletter (Mark Evans)
  - (a) progress on Spring (March/April) issue

(3) Today's Presentations:

- \* AN EXPEDITION TO THE CONGO BASIN - IN SEARCH OF ...  
by Mark Evans
- \* A LESTID SPECIES NEW TO WISCONSIN (ODONATA: LESTIDAE) ...  
by Sue Borkin
- \* THE ECONOMICALLY MOST IMPORTANT MOTHS OF WISCONSIN ...  
by Phil Pellitteri

(4) Adjournment and post-meeting gathering:

- \* Dinner

WES EXECUTIVE COUNCIL MEETING .....

Thurs., 7 March  
12:00 - 1:00 PM  
Ent. Conf. Room

AGENDA:

- (1) Results of proposal regarding WES meetings (Pellitteri)
- (2) Status of updated WES brochure (Pellitteri)
- (3) Status of March/April WES Newsletter (Evans/All)
- (4) Planning March meeting (30 March) (All)
- (5) Ideas for May meeting (date, place, program)
- (6) Other ?

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NOTE: Remaining meeting dates for executive council (Thursdays from 12:00 - 1:00 PM, Ent. Conf. Room, Russell Labs):  
2 May - 27 June - 29 August - 3 October - 21 November

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WES EXECUTIVE COUNCIL MEETING .....Wed., 17 April  
12:00 - 1:00 PM  
Ent. Conf. Room

AGENDA:

- (1) Status of updated WES brochure (Pellitteri)
- (2) Status of March/April WES Newsletter (Evans/All)
- (3) Planning May meeting (Sat., 11 May) (All)
- (4) Other ?

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NOTE: Remaining meeting dates for executive council (Wednesdays from 12:00 - 1:00 PM, Ent. Conf. Room, Russell Labs):

1 May - 26 June - 28 August - 2 October - 20 November

NOTES:

Brochures have now been completed and a copy will be sent out to each WES member with the March/April Newsletter. A number of additional mailings will also be made (4-H, schools, nature centers, etc.).

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CLASSIFIEDS:

Wanted: Wish to exchange specimens of Wisconsin Coleoptera (larvae as well as adults). Would also be interested in exchanging beetles from other areas as well. My primary interests are with the heteromorous families, but other groups are available as well. contact: Dan Young, Dept. of Entomology, UW-Madison, Wisc. 53706.

Wanted: Would like to examine Wisconsin specimens of the following Cerambycidae: Cyrtophorus verrucosus, Brachyleptura rubrica, B. champlaini. Need data for analysis of possible distribution patterns of color variation. Specimens will be returned. Contact: Dan Young, Dept. of Entomology, UW-Madison, Wisc. 53706.

Wanted: Live or dead, pinned or papered, any Papilio glaucus from Wisconsin for wing morphometric data. Live specimens always needed for breeding stock. Contact: J.M. Scriber or M.H. Evans, Dept. of Entomology, UW-Madison, Wisc. 53706.

Wanted: Any Tabanidae from Wisconsin or nearby states. Contact M.H. Evans, Dept. of Entomology, UW-Madison, Wisc. 53706.

Wanted: Interested in seeing any underwing moths collected in Wisconsin for publication in prep on their ecology and distribution. Contact: Les Ferge, Forest Products Research Lab., UW-Madison, Wisc. 53706.

AS A RESULT OF RECENT REVISIONS OF OUR SOCIETY'S CONSTITUTION, WE  
ARE PROVIDING YOU WITH A CURRENT COPY FOR YOUR RECORDS:

CONSTITUTION OF THE WISCONSIN ENTOMOLOGICAL SOCIETY

ARTICLE I: NAME

SECTION 1: This organization shall be known as the Wisconsin Entomological Society.

ARTICLE II: PURPOSE

SECTION 1: It shall be the purpose of this society to promote the study of entomology in all its branches, especially as it applies to Wisconsin and the surrounding states; to facilitate and encourage the exchange of specimens and ideas by both professional and amateur entomologists, to publish periodicals and other occasional papers on entomology and related fields; to promote conservation in the field of Entomology, and to do that which shall promote the general purpose of this society.

ARTICLE III: MEMBERSHIP

SECTION 1: There shall be two membership classes as follows:

(A) Individual Membership: Any individual who subscribes to the aforementioned purpose of this society shall be eligible for voting membership. Additional yearly contributions in excess of the individual level shall be recognized as sustaining or patron memberships. The amounts defining each category shall be determined by the executive council and specified on dues notices. Sustaining and patron contributions may not be applied to future dues obligations.

(B) Organizational Membership: Any foundation, business or industrial firm, corporation, school, club, or other group which subscribes to the aforementioned purpose of this society and supports the society's activities by an annual contribution shall be eligible for organizational membership in the society. Each such member group may designate a delegate to represent it in the affairs of the society. This delegate shall possess all rights of individual membership.

SECTION 2: All persons who have made application for membership and have paid the dues of this society shall be members in good standing.

SECTION 3: Following initial and second notifications, members who have fallen two years in arrears in the payment of dues shall be dropped from the roles of this society.

ARTICLE IV: OFFICERS, EXECUTIVE COUNCIL

SECTION 1: The officers of this society shall consist of a president, vice-president, secretary, and treasurer.

SECTION 2: That the executive council shall consist of the officers of this society, the immediate past president, and the newsletter editor.

SECTION 3: The executive council shall conduct the business of this society subject to the decisions on policy by the membership.

ARTICLE V: DUTIES OF THE OFFICERS

SECTION 1: The president shall preside at all meetings. He/she shall appoint all special committees and be chairperson of the executive council. He/she may also appoint delegates to other societies or conventions.

SECTION 2: The vice-president shall assume the duties of the president in case of death, resignation, absence, or disability.

SECTION 3: The secretary shall keep the minutes of the meetings of the society; shall give notice of meetings; shall attend to the general correspondence; shall keep all records and files of the society; and shall generally perform all duties required of a secretary and those duties delegated to her/him.

SECTION 4: The treasurer shall receive all monies for the society and deposit them in the name of the society in such banking institutions as the society or the executive council shall direct. He/she shall pay therefrom all bills & obligations of the society. He/she shall keep an account of all monetary transactions and shall annually, or upon demand by the president of the executive council submit statement of the financial affairs of the society.

SECTION 5: That the officers shall hold office for a term of one year.

SECTION 6: At the expiration of her/ his term of office, each officer shall deliver to her/ his successor all books, papers, funds and vouchers belonging to the society.

ARTICLE VI: MEETINGS

SECTION 1: Meetings, field trips and conventions may be held as directed by the by-laws.

SECTION 2: An annual meeting may be held at such a time and place as the executive council shall determine.

ARTICLE VII: PUBLICATIONS

SECTION 1: The society may publish a periodical and occasional papers, or checklists as the society shall deem advisable.

SECTION 2: The president or the executive council may appoint an editor or editors as may be necessary to issue publications, occasional papers or checklists.

ARTICLE VIII: ACTIVITIES AND DISSOLUTION

SECTION 1: The society shall be organized and operated exclusively for scientific and educational purposes, and shall not be organized or operated for profit. No part of the net earnings of the society shall or may under any circumstances inure to the benefit of any individual. No substantial part of the society shall consist of carrying on propaganda, or otherwise attempting to influence legislation. The society shall not participate in, or intervene in, any political campaign on behalf of any candidate for public office.

SECTION 2: Upon dissolution of the society, the officers shall distribute the assets to one or more organizations that meet the limitations prescribed in Section 1.

#### ARTICLE IX: AMENDMENTS

SECTION 1: This constitution, and the by-laws of this society, may be amended, altered or repealed by a two-thirds vote of the members present at any regular meeting or the annual meeting. A copy of each proposed amendment shall be presented at the meeting preceeding the meetings at which the amendment is voted upon.

#### BY-LAWS OF THE WISCONSIN ENTOMOLOGICAL SOCIETY

#### ARTICLE I: DUES

SECTION 1: The annual dues for members of this society shall be set annually by the executive council and shall entitle the member to a subscription to the periodical published by the society. The society may charge any reasonable fees and charges for other publications.

#### ARTICLE II: MEETINGS OF THE MEMBERSHIP

SECTION 1: Meetings shall be held during the months of October, December, March, and May. A fifth meeting shall be held during the summer in conjunction with a field/collecting trip. Other meetings may be added as determined by the executive council. Advance notification of each meeting shall be distributed to the membership.

SECTION 2: The fiscal year of this society shall begin on January 1 and shall end on the next December 31.

SECTION 3: The financial records of this society shall be audited by the executive council as a whole at the end of each fiscal year and shall be reported on by the treasurer at the annual meeting.

SECTION 4: The annual meeting shall be held in November or December, the date and place to be determined by the executive council. The ceremony for the installation of new officers shall be held at the end of the annual meeting and new officers shall assume their respective offices on January 1.

SECTION 5: That the regular meetings, annual meeting, and the executive council meetings of the society shall be conducted anywhere within the boundaries of the State of Wisconsin. However, special or joint meetings with similar societies from surrounding states may be approved by the executive council, and may be held within or outside the boundaries of the State of Wisconsin.

SECTION 6: A two-thirds vote of the members present at the regular or annual meetings shall be required to transact the business of the society.

#### ARTICLE III: MEETINGS OF THE EXECUTIVE COUNCIL

SECTION 1: The executive council shall meet bimonthly but that the president may call meetings at such times and in such places as he/she deems necessary for the proper conduct of the affairs of the society.

SECTION 2: The president shall appoint such committees and committee chairpersons as he/she shall deem best.

#### ARTICLE IV: CONDUCT OF MEETINGS

SECTION 1: The business of the society shall be conducted in a business-like manner and the rules as set forth in Robert's Rules of Order shall be controlling.

SECTION 2: The slate of proposed officers and ballot shall be mailed out to all active members at least ten days before the annual meeting, and returned prior to the annual meeting.



### Evans' upcoming trip to the Congo Basin:

Some of you may have heard by now that I will be in the Republic of the Congo soon. For those of you who haven't as well as for those of you who would like more information, I thought I would include some background on the trip here.

I will be one of a small team of researchers heading into the most inaccessible area of the Basin, NW of the mouth of the Ubangi River. We have several objectives, but the primary one is to film a large dinosaur-like animal reported to inhabit the rivers in the area. You will be hearing more about this aspect of the trip from other sources, so why don't we move on to the entomological aspects here?

In addition to assisting in meeting our primary objectives in any way that I can, I will be doing my best to photograph, record, and collect invertebrate fauna for researchers throughout the U. S. As some of you know, I have been in Panama, Costa Rica, and Mexico collecting material and doing entomological research in the past, so I have become pretty familiar with a range of collecting techniques as well as the difficulties in properly curating materials in difficult places. None-the-less, I am always seeking advice and ideas from other people to make my time and efforts more efficient. In part, toward that end, I thought that I would present a list to our Society's membership of the collecting techniques which I will be using along with a list of the researchers who will be receiving material to help sort, distribute, and determine specimens. Then I wish to encourage you to contact me to share any other ideas you may have.

As an invertebrate biologist, but also as someone deeply concerned about the preservation of tropical forests, I hope to do all that I can to stimulate further scientific but also, popular interest in the natural diversity, and wonder remaining on our planet. We must, as scientists, become activists in the preservation of species in any way we can, as well as seek to learn more about species in threatened habitats.

### collecting techniques & equipment:

5 Berlese funnels (funnels w/ screen on top, above which soil &/or leaf litter samples are placed and below which is placed a jar of fixative) for sampling invertebrate fauna associated with decaying wood, soil, leaf litter, fecal material, fungi, carrion, etc. This is an especially good technique for collecting springtails (Collembola), small beetles (Coleoptera), and mites.

Cantharadin baits (impregnated on filter paper and placed in open petri dishes) for sampling fauna apparently associated with some types of fungi &/or fauna utilizing cantharadin-like compounds as pheromones or kairomones. These traps will be used to sample fauna active at night vs. that active during the day. Such traps which Bill Warfield and I ran in Costa Rica produced nearly 800 specimens representing 1 new genus and several new species of Miridae in a single night. (These specimens were sent to the Smithsonian.)

Plankton net (for sampling surface and subsurface aquatic Crustacea, mites, and small insects during the day and at night in various aquatic habitats).

3 UV light traps (passive traps able to collect nocturnal insects live as well as kill them upon arrival, and non-passive traps requiring frequent monitoring during the night)

especially useful for harvesting moths in large numbers but also useful for collecting such groups as beetles, Orthoptera, Neuroptera, nocturnal Hymenoptera, Diptera, and Hemiptera.

8 Aquatic jar traps (funnels attached to 1 qt. jars which are submerged especially in shallow water with abundant vegetation) especially useful for collecting aquatic beetles (such as Dytiscidae, Hydrophilidae, or Halipilidae) and aquatic Hemiptera (such as Corixidae or Notonectidae) as well as leeches, salamanders and small fish.

2 Malaise traps (large fine screened curtain-like devices designed to passively collect and kill flying insects) especially useful for collecting Diptera, Coleoptera, and Hymenoptera.

2 butterfly bait traps (screen cages over funnels suspended over platforms baited with rotting fruit &/or animal feces) especially good for trapping butterflies (such as male Nymphalidae and Papilionidae) as well as some types of Diptera and Hymenoptera.

8 yellow pan traps (with 1/4 inch of Prestone as a preservative) especially good for collecting pollinating Hymenoptera.

10 dead fall jar traps (w/ & w/o funnels-- jars sunk in the ground up to their rims) especially good for collecting cursorial insects (such as Formicidae or Carabidae) as well as wolf spiders and scorpions while the jars w/ funnels also work well trapping solitary wasps and bees searching for ground cavities.

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In addition to these collecting methods, other active collecting methods will be used such as typical aerial collecting of butterflies or other insects visiting flowers, sweep netting of vegetation, aquatic netting both diurnally and nocturnally, panning leaf litter to collect with an aspirator, and sampling members of social insect colonies (termites, ants, bees, and wasps) and their associates (such as Staphylinidae, mites, Meloidae, Peripatus, etc.)

Invertebrate fauna will be wet preserved using both Prestone and ETOH. Leeches, earthworms, or other soft bodied material will be fixed in 5% formalin. Both glass and plastic vials and jars will be used to store wet material. Material to be maintained dry, such as Lepidoptera, Diptera, or Hymenoptera will be dried when and as possible using reflectors over the generators and will be stored in glassine envelopes, packed in 4-chloro-m-cresol, in air tight containers.

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In addition to the macroinvertebrate faunal collecting techniques described above, soil and water samples will be collected for researchers working on bacteria, fungi, algae, and nematodes. These samples will be collected using specially prepared, sterile vials and bags.

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The following is a list of the researchers to whom specific taxa will be sent for sorting, review and determinations:

William Brown, Jr. (Entomology Department, Comstock Hall, Cornell University, Ithaca, New York 14853) all Formicidae will be forwarded to him for determination and deposition in the Cornell collection.

Robert J. Dicke (Professor Emeritus, Department of Entomology, Russell Labs., UW-Madison, Wisc. 53706 608-233-3190) Culicidae will be sorted by him and distributed to appropriate researchers.

Jerald C. Ensign (Department of Bacteriology, 325 Fred Hall, UW-Madison, Wisc. 53706 608-262-7877) some soil and water samples will be made available to him in addition to Chuck Hersch.

John Franclemont (Entomology Department, Comstock Hall, Cornell University, Ithaca, New York 14853) all moths will be sorted by him and deposited in the Cornell collection.

Thomas J. Henry (Research Entomologist, USDA Systematic Entomology Laboratory, c/o U.S. National Museum NHB 168, Washington, D.C. 20560) all Miridae will be sent to him for determination and he will assist Daniel Young in reviewing taxa trapped with cantharadin baits.

Chuck Hersch (Merck Institute for Therapeutic Research, P.O. Box 2000, Rahway, New Jersey 07065-0900 201-574-5994) soil and water samples will be forwarded to him upon our return.

Robert Jeanne (Department of Entomology, Russell Labs, UW-Madison, Wisc. 53706) social wasps will be sorted by him and representative specimens will be distributed by him between Cornell and the Smithsonian.

Gerald N. Lanier (Department of Environmental and Forest Biology, Illick Hall, SUNY College of Environmental Science and Forestry, Syracuse, New York 13210, 315-470-6755) all specimens trapped using weevil, bark beetle, and clearwing moth pheromone baited traps will be sent to him.

James K. Liebherr (Curator, Cornell Insect Collection, Comstock Hall, Cornell University, Ithaca, New York 14853 607-256-4507) all Carabidae, all taxa not specifically sent to other research specialists, and representative material once processed by other specialists will be sent to him for sorting, forwarding to other museums, and incorporating into the Cornell collection at his discretion.

Ann MacGuidwin (Department of Plant Pathology, Russell Labs, UW-Madison, Wisc. 53706 608-263-6131) all samples of preserved aquatic and terrestrial nematodes will be sorted by her and distributed to the appropriate researchers.

Al L. Norrbom (Department of Entomology, The Frost Entomological Museum, The Pennsylvania State University, University Park, Pa. 16802) will be sent Sphaeroceridae, Calliphoridae, and Muscidae trapped with and reared from CSMA media (artificial dung) traps.

Roy Norton (Department of Environmental and Forest Biology, Illick Hall, SUNY College of Environmental Science and Forestry, Syracuse, New York 13210 315-470-6752) all mites, and other non-insect macroinvertebrate fauna will be sent to him for sorting, and dispersal to the relevant researchers.

Frank Parker (Research Leader, USDA Bee Biology & Systematics Lab, Utah State University, UMC 53, Logan, UT 84322) as he supervises the Smithsonian Bee collection, all bees will be sent to him for review.

L. L. Pechuman (Professor Emeritus, Entomology Department, Comstock Hall, Cornell University, Ithaca, New York 14853 607-256-8406) all Diptera (except Culicidae reviewed by Robert Dicke and selected coprophagous groups forwarded to Al Norrbom) will be sent to him for sorting and determinations and deposition in the Cornell collection.

Charles P. Schwalbe (Director, Otis Methods Development Center, U.S.D.A. Animal and Plant Health Inspection Service, Bldg. 1398, Otis Air National Guard Base, Massachusetts 02542 617-563-9303) will receive specimens trapped using pheromone baits for Japanese beetle, Tephritidae, Tortricidae, and Lymantriidae.

J. Mark Scriber (Department of Entomology, 345 Russell Labs, UW-Madison, Wisc. 53706 608-263-6277) as he is my research supervisor, we work on Papilionidae, and as we have one of the world's largest collections of swallowtail butterflies, all Papilionidae from the trip will be deposited in our lab collection.

Daniel K. Young (Department of Entomology, 149 Russell Labs, UW-Madison, Wisc. 53706 608-262-2078) all taxa collected in cantharadin baited traps will be sorted by him and distributed between his collection, the Smithsonian (via Thomas Henry) and Cornell. In addition, all Meloidae and related families of Coleoptera will be sorted by him and representative specimens will be sent at his discretion to the relevant researchers.

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1985 NATURAL HISTORY WORKSHOPS (AT UW MILWAUKEE FIELD STATION):

28-29 June ... Ferns & fern allies of Wisconsin

13-14 July ... Aquatic vascular plants: Identification and ecology

26-27 July ... Identification and ecology of grasses

21 Sept. .... Bird banding: Trapping methods and bird examination techniques

[for information contact Dr. James Reinartz at the field station - 3095 Blue Goose Rd.; Saukville, WI 53080 - ph. (414-675-6844)]

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NOTE: WES Summer Field Collecting Trip (3rd annual meeting at the UW Milwaukee Field Station) ... Friday, 2 August - Sunday, 4 August. Contact Dan Young for advance information and watch for notice in June/July!!

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PLEASE NOTE THE FOLLOWING MEMBER ADDRESS CHANGES:

Don Hildebrandt, 3301 Wheelock, Racine, Wisc. 53405  
Jim Parkinson, 3403 Blue Jay Lane, Wausau, Wisc. 54401

NEW MEMBERS:

Chad Long, 2014 S. 102nd St., Apt. 305, West Allis, Wisc. 53227

WISCONSIN ENTOMOLOGICAL SOCIETY

1984 Treasurer's Report

Balance in Account 5 January 1984

\$224.66

Dues Received

\$426.00

Interest

13.89

Total Income

\$439.89

Expenses\*

\$459.48

Balance in Account 26 December 1984

\$171.81

Cash on Hand

33.26

Total Funds Carried Over

\$205.07

There are 110 members currently on the mailing list, of which only 66 have their dues paid for 1984.

\* Expenses include \$6.00 bank service charges incurred between 5 January and 13 April, 1984; plus an amount of \$18.95 believed to be service charges not deducted from our account in 1983. Since a few bank statements were previously lost, this cannot be verified without incurring still further costs.

Expenses minus service charges were \$434.53



Leslie A. Ferge, Treasurer

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RECENT PUBLICATIONS OF MEMBERS:

Young, Daniel K. 1984. Anisotria shooki, a new genus and species of Pedilinae (Coleoptera: Pyrochroidae), with a note on the systematic position of Lithomacratia Wickham and a key to the genera. Coleopterists Bulletin 38: 201-208, illustr. [reprints available]

-----, 1984. Cantharadin and insects: An historical review. Great Lakes Entomologist 17: 187-194. [reprints available]

-----, 1984. Field records and observations of insects associated with cantharadin. Great Lakes Entomologist 17: 195-199. [reprints available]

WISC. Entomological Society  
Entomology Dept., Russell Labs  
UW-Madison WI, 53706